PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

be Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

TRANSCANS dostitute for form 1449/PTO

MAY 2 6 2006

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	09/892,664		
Filing Date	June 28, 2001		
First Named Inventor	Smith et al.		
Art Unit	2654		
Examiner Name	Armstrong		
Attorney Docket Number	20009.0132US01 (BS00-353)	フ	

	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
AAA	1	US- 5,623,404	04/1997	Collins et al.		
AAA	2	<sup>US-</sup> 5,848,403	12/1998	Gabriner et al.		
AAA	3	us- 5,920,846	07/1999	Storch et al.		
AAA	4	<sup>US-</sup> 6,578,005	06/2003	Lesaint et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		UŞ-				
		US-				
		US-				
		US-				
	1	US-				
		US-				
		US-				
·		US-				
	1	US-				
	1	US-				

	FOREIGN PATENT DOCUMENTS					
Examiner Cite Foreign P	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	ľ
						┢
	-					L
						Γ
	<u> </u>					L
	i		1			

Examiner Signature	/Angela Armstrong/	Date Considered	07/25/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'S Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Bapticant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute PADE or form 1449/PTO

> Sheet 2

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

	Complete if Known	
Application Number	09/892,664	
Filing Date	June 28, 2001	
First Named Inventor	Smith et al.	
Art Unit	2654	
Examiner Name	Armstrong	_
Attorney Docket Number	20009.0132US01 (BS00-353)	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AAA	5	"Return on Investment Model", web.archive.org webpage of Norand.com, Feb. 6 1998, pp. 1-5.	: :
AAA	6	"Norand-Payback", web.archive.org webpage of Norand.com, Feb. 6, 1998, pp. 1-2.	
AAA	7	"Norand-Products", web.archive.org webpage of Norand.com, Feb 6, 1998, pp. 1-5.	
AAA	8	"Norand-Case Study", web.archive.org webpage of Norand.com, Feb. 1998, pp. 1-3.	
AAA	9	Haugen, Dyan L.; Hill, Arthur V; "Scheduling to Improve Field Service Quality", Summer 1999, Decision Sciences, 30, 3: ABI/INFORM Global, pp. 783-804.	
AAA	10	Freedman, David H; "Case Study: Gas Attack", Aug. 25, 1997, Forbes ASAP Supplement, pp. 45-52, Dialog 01485548 01-36536.	
AAA	11	McCarthy, Vince, "The Transformation of the Public Network", March 20, 1995, Telephone, v228n12, pp. 88-100, Dialong 0100552196-54914.	
AAA	12	Paz, Noemi M; Leigh, William; "Maintenance scheduling: Issues, results and research needs", 1994, International Journal of Operations & Production Management, v14n8, pp. 47-69, Dialog 00956565 96-05958.	
AAA	13	Tseng, Paul C; Lewis, Malcom; "Best Practices and Design Tips", April 1999, Contracting Business, v56, n4, p2s84(1), Dialog 06305741 54514903.	
AAA	14	Jewett, Dale,; "Service Cali", July 21, 1997, Automotive News, p61, Dialog 05140584 47847132.	

				_
Examiner Signature	/Angela Armstrong/	Date Considered	07/25/2006	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

he Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

e for form 1449/PTO

MAY 2 6 2006

Sheet 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

3 of

	Complete if Known	
Application Number	09/892,664	
Filing Date	June 28, 2001	
First Named Inventor	Smith et al.	
Art Unit	2654	
Examiner Name	Armstrong	
Attorney Docket Number	20009.0132US01 (BS00-353)	

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
AAA	15	Southerland, Randy; "Not your typical garbagemon", Feb. 2000, Waste Age, 31, 2, ss50, Dialog 11970477 60110303.	ĺ
AAA	16	"The Luxury Class Database", April 3, 1995, InformationWeek, n 521, p100+, Dialong 00593604 23168942.	
AAA	17	Ivey, Mike; "Cub: Toughen Penalties vs. Ameritech", Sep. 7, 2000, Madison Captial Times, Madison, Wisconsin, p. 1E, ProQuest ID 59714682.	
AAA	18	Jaffe, Charles; "Gas Supplier takes timing seriously if delivers are late, the product is free". Feb. 5, 1989. The Morning Call, Allentown, PA, p.D.01, ProQuest ID 92485879.	
AAA	19	Lister, Karen; "Improvements cited in Portland cable service", July 21, 1995, Corpus Christi Caller Times, Corpus Christi, TX., Sec. B, p. 2, ProQuest 6892257.	
AAA	20	"Norand-Field Service", web.archive.org webpage of Norand.com., Feb. 6, 1998, pp. 1-2.	
AAA	21	"Norand-Training", web.archive.org webpage of Norand.com., Feb. 6, 1998, pp. 1-2.	
AAA	22	Wood, Michael; "Fighting the paperwork nemesis", Mar. 1996, American Gas, v78n2, pp.32-33, Diatog 01179245 98-28640.	
AAA	23	"Powering better customer service. (Boston Edison implements mobile computing solution)", May 1997, Communication News, v34, 5n, p50(2) Dialog 02070908 19414033.	
AAA	24	Kosseff, Jeffrey; "Service Delays May Lead to AT&T Fine", Jul. 18, 2001, The Oregonian, Portland, OR., pg. C.01. ProQuest ID 75527844.	

Examiner Signature	/Angela Armstrong/	Date Considered	07/25/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.